

# Preface

The Third International Joint Conference on Serious Games (JCSG 2017) was held in Valencia, Spain, and hosted by Universidad Politécnica de Valencia. JCSG 2017 brought together the 8th Serious Games Development and Applications (SGDA 2017) and 7th Serious Games (GameDays 2017) conferences, previously held in the UK, Norway, Germany, Portugal, and Australia.

JCSG 2017 joined experts from over 12 countries presenting and discussing recent developments to further improve the application of serious games in multiple fields like education and learning, simulation, training, health and well-being, management, and cultural heritage among others. The topics covered by the conference offered participants a valuable platform to discuss and learn about the latest developments, technologies, and possibilities in the development and use of serious games with a special focus on how different fields can be combined to achieve the best possible results.

We received 44 submissions from which 23 were selected as full papers, two as short papers, and four as posters. All the manuscripts submitted to the JCSG2017 were peer-reviewed by at least three independent reviewers, who were provided with a detailed review proforma. The comments from the reviewers were communicated to the authors, who incorporated the suggestions in their revised manuscripts. The recommendations from three reviewers were taken into consideration while selecting a manuscript for inclusion in the proceedings. The exhaustiveness of the review process is evident, given the large number of articles addressing a wide range of research areas. The stringent review process ensured that each published manuscript met rigorous academic and scientific standards.

Keynote presentations were given by: Val Shute, Mack and Effie Campbell Tyner endowed professor of education at Florida State University; Baltasar Fernández-Manjón, Full Professor in the Department of Software Engineering and Artificial Intelligence (DISIA) at the Complutense University of Madrid (UCM); and digital media entrepreneur and researcher Kam Star.

The conference and the publication of the JCSG 2017 proceedings by Springer were the remarkable outcome of the untiring efforts of the entire organizing team. The success of an event undoubtedly involves the painstaking efforts of several contributors at different stages, dictated by their devotion and sincerity. Fortunately, since the beginning of its journey, JCSG 2017 has received support and contributions from every corner. I thank all who have wished the best for JCSG 2017 and contributed by any means toward its success. The edited proceedings volumes published by Springer would not have been possible without the perseverance of all the committee members. I especially thank the Organizing Committee members, Stefan Göbel, Minhua Ma, Tim Marsh, Manuel Fradinho Oliveira, and Jannicke Baalsrud Hauge, for helping me shape JCSG 2017. The organizers of JCSG 2017 owe thanks to all the contributing authors for their interest and exceptional articles. I also thank the authors of the papers for adhering to the time schedule and for incorporating the review comments in the

final version of their work. I wish to extend my heartfelt gratitude to the authors, reviewers, committee members, and production staff whose diligent work put shape to the JCSG 2017 proceedings. I especially thank our dedicated team of reviewers who volunteered for the arduous and tedious task of quality checking and critique of the submitted manuscripts. I also wish to thank my research colleagues at the Immersive Neurotechnologies Laboratory (LENI), and my PhD research scholars for extending their enormous assistance during the reviewing and editing process of the conference proceedings, with a special thanks to Alejandra Del Valle and Irene Alice Chicchi . The time spent by all of them and the midnight oil burnt is greatly appreciated, for which I will ever remain indebted. I also thanks the Polytechnic City of Innovation of my university for hosting the conference. Lastly, I would like to thank Springer for accepting our proposal to publish the JCSG 2017 conference proceedings.

September 2017

Tim Marsh  
Minhua Ma  
Manuel Fradinho Oliveira  
Jannicke Baalsrud Hauge  
Stefan Göbel  
Mariano Alcañiz

Serious Games

Third Joint International Conference, JCSG 2017,

Valencia, Spain, November 23-24, 2017, Proceedings

Alcaniz Raya, M.; Göbel, S.; Ma, M.; Fradinho Oliveira, M.;

Baalsrud Hauge, J.; Marsh, T. (Eds.)

2017, XI, 332 p. 129 illus., Softcover

ISBN: 978-3-319-70110-3